

# Converting Colors

Android(4282402341)

Have a look what the booklet for  
Android(4282402341) contains.

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# Color

**Android(4282402341)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	404625
RGB	64, 70, 37
RGB Percent	25%, 27%, 15%
CMY	0.7490, 0.7255, 0.8549
CMYK	0.09, 0.00, 0.47, 0.73
HSL	71°, 31%, 21%
HSV	71°, 47%, 27%
XYZ	4.6384, 5.6039, 2.5874
YIQ	64.4440, 7.0170, -11.5350

# Conversions

## Conversions Part 2

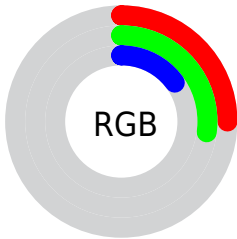
Format	Color
<a href="#">RYB</a>	<a href="#">37, 70, 43</a>
Decimal	<a href="#">4212261</a>
CIELab	<a href="#">28.39, -8.62, 19.03</a>
CIELCh	<a href="#">28, 20.896, 114.362</a>
Yxy	<a href="#">5.6039, 0.3615, 0.4368</a>
Android (android.graphics.Color)	<a href="#">4282402341 (0xFF404625)</a>
YUV	<a href="#">64.4440, -13.5299, -0.3894</a>
Hunter-Lab	<a href="#">23.6725, -6.4512, 10.0903</a>

# Details

The Android color **4282402341** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4281017670**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4285560402**, and **4279573248** is the 20% darker color. If you saturate the color by 10%, you get **4282336798**, and if you desaturate by 10%, it is **4282467884**.

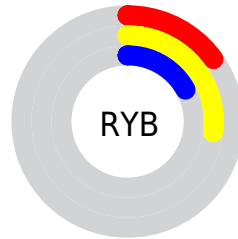
# Distribution



Red (25%)

Green (27%)

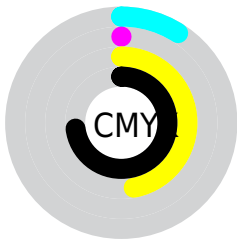
Blue (15%)



Red (15%)

Yellow (27%)

Blue (17%)

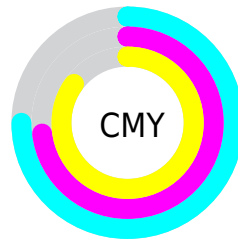


Cyan (9%)

Magenta (0%)

Yellow (47%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282402341 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4282402341 by changing the saturation by 10% instead.





4282402341



4282402341

4294967295



4280889360



4285560402



4279573248



4287271019



4278190080



4289047172



4290823838



4292666041



4294573781



4294967282



4282402341



4282402341

■ 4282336798

■ 4282467884

■ 4282205719

■ 4282598963

■ 4282140176

■ 4282664506

■ 4282074633

■ 4282730049

■ 4282009090

■ 4282795592

■ 4281943552

■ 4282926671

■ 4282992214

■ 4283057757

■ 4283123300

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4283449635



4282402341



4281158192

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4282402341



4278208861



4284495431

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4282402341



4281017670

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4283710038



4282402341



4280632675

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4282402341



4278209360



4282400864



4284626743

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4282402341



4280240954



4282400864



4284299084



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4282402341



4284046415



4282788645



4281085478



4289572269



4281216558



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4282402341



4283587623



4281353765



4280493088



4283523840



4290437888



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4281017670



4281411420



4282066246



4280360996



4279369827

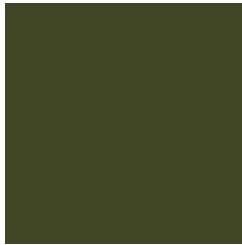


4280877283



# Previews

## White Background



This preview shows how the Android color 4282402341 looks on a white background.

## Color Contrast Check

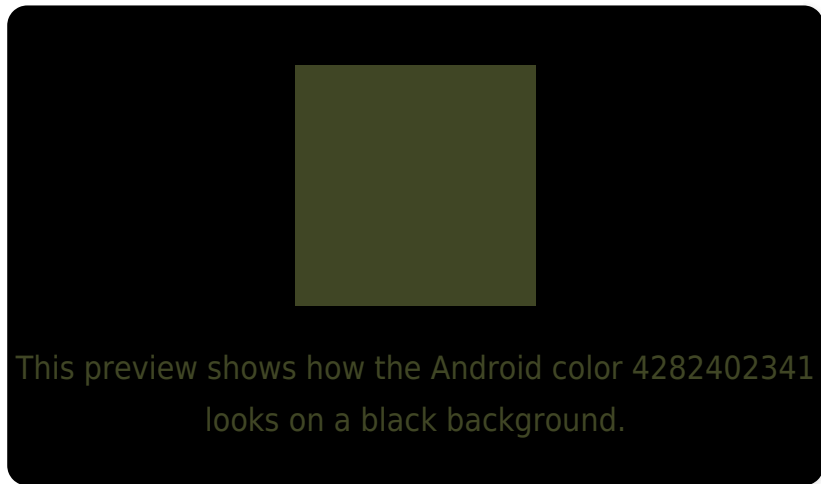
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

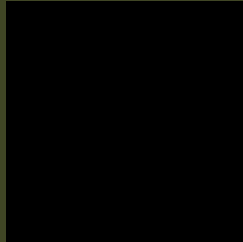
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282402341 Background



This preview shows how black text looks on a background with the Android color 4282402341.



This preview shows how white text looks on a background with the Android color 4282402341.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



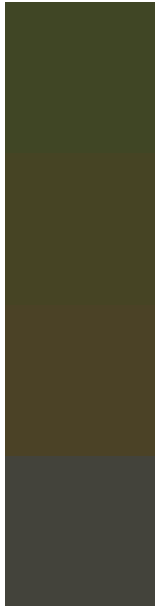
**Original Color**  
4282402341

**Protanopia**  
4283056932

**Deuteranopia**  
4283514918



# Trichromacy



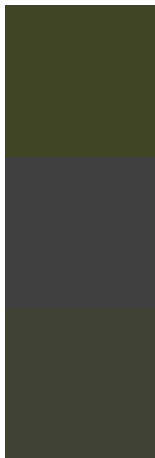
**Original Color**  
4282402341

**Protanomaly**  
4282795044

**Deuteranomaly**  
4283122214

**Tritanomaly**  
4282598203

# Monochromacy



**Original Color**  
4282402341

**Achromatopsia**  
4282400832

**Achromatomaly**  
4282401334

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282402341 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(64, 70, 37)` looks like.

```
.text, #text, p{  
    color:rgb(64, 70, 37)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(64, 70, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 70, 37) }
```

## Border

The CSS property to change the border of an element to Android 4282402341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 70, 37) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(64, 70, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(64, 70, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 70, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 70, 37);  
box-shadow:4px 4px 4px 4px rgb(64, 70, 37)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282402341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 70, 37) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(64, 70,  
37) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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